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Appln. No. 10/763,197
Reply to Office Action dated 20 December 2006

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AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions, listing, of claims in the specification.

LISTING OF CLAIMS:

Claim 1 (original) Method for treating a cytopathological disease in a mammal, comprising: (a) harvesting a biological specimen containing stem cells from the body of a donor; (b) storing at least a part of said biological specimen that contains stem cells for a predetermined period time without being re-infused back into the donor; (c) reintroducing at least a portion of said stored part of the biological specimen containing stem cells in therapeutic amount in the donor after the predetermined period of time and after said donor is diagnosed with a cytopathological illness or damaged tissue in need of rejuvenation, wherein said re-introduced specimen is not purged prior to re-infusion.

Claim 2 (original) The method according to claim 1, wherein said biological specimen containing stem cells comprises peripheral blood.

Claim 3 (original) The method according to claim 1, wherein said stem cells comprise adult hematopoietic stem cells.

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Claim 4 (original) The method according to claim 1, further including a step of introducing a stem cell growth stimulating agent into the donor prior to the harvesting in a manner effective to increase the population of the stem cells in the peripheral blood of the donor before harvesting the specimen.

Claim 5 (original) The method according to claim 1, wherein said biological specimen containing stem cells comprises bone marrow.

Claim 6 (original) The method according to claim 1, wherein said cytopathological illness is cancer, and further including a step between (b) and (c) of subjecting said donor to a treatment regimen selected from the group consisting of chemotherapy or radiotherapy.

Claim 7 (withdrawn) The method according to claim 1, wherein said cytopathological illness comprises an infectious disease that attacks and damages blood and/or bone marrow cells.

Claim 8 (withdrawn) The method according to claim 1, wherein said cytopathological illness comprises HIV.

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Claim 9 (withdrawn) The method according to claim 1, wherein said cytopathological illness comprises terminal radiation or chemical overexposure poisoning.

Claim 10 (original) The method according to claim 1, wherein said reintroducing step comprises providing tissue and/or organ restoration by inoculating said tissue and/or organ with specially conditioned stem cells present in the harvested biological specimen containing stem cells.

Claim 11 (withdrawn) The method according to claim 1, wherein said cytopathological illness comprises a neurological disorder.

Claim 12 (withdrawn) The method according to claim 1, wherein said neurological disorder is selected from the group consisting of Alzheimer's disease and Parkinson's disease.

Claim 13 (withdrawn) The method according to claim 1, wherein said cytopathological illness comprises a liver disease.

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Claim 14 (withdrawn) The method according to claim 1, wherein said cytopathological illness comprises diabetes.

Claim 15 (withdrawn) The method according to claim 1, wherein said cytopathological illness comprises a thyroid gland disorder.

Claim 16 (original) The method according to claim 1, wherein said harvesting comprises making one or more insertions of a syringe means into the donor's hip or pelvic bone to extract bone marrow as said biological specimen containing stem cells.

Claim 17 (original) The method according to claim 1, wherein said storing comprises cryopreservation.

Claim 18 (original) The method according to claim 1, wherein said mammal comprises a human.

Claim 19 (withdrawn) Method for restoring damaged and/or deteriorated tissue in a mammal, comprising: (a) harvesting a biological specimen containing stem cells from peripheral blood of the body of a donor; (b) cryopreserving and storing at least a part of said biological specimen that contains stem cells for a

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predetermined waiting period without being re-infused back into the donor; (c) reintroducing at least a portion of said stored part of biological specimen that contains stem cells in therapeutic amount in the donor after the donor the predetermined period of time and after said donor has been diagnosed as having a damaged and/or deteriorated tissue condition, wherein said re-introduced specimen is not purged prior to the re-infusion.

Claim 20 (withdrawn) The method according to claim 19, wherein said stem cells comprise adult hematopoietic stem cells.

Claim 21 (withdrawn) The method according to claim 19, further including a step of introducing a stem cell growth stimulating agent into the donor prior to the harvesting in a manner effective to increase the population of the stem cells in the peripheral blood of the donor before harvesting the specimen.

Claim 22 (withdrawn) The method according to claim 19, wherein said damaged or deteriorated condition comprises an anatomical system of the mammal selected from the group consisting of damaged or deteriorated hematological system tissues, damaged or deteriorated immune system tissues, damaged or deteriorated muscular system tissues, damaged or deteriorated neurological system tissues, a damaged or deteriorated cardiovascular system tissues, damaged or

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deteriorated renal system tissues, damaged or deteriorated lymphatic system tissues, damaged or deteriorated liver tissues, deteriorated dermatological system tissues, damaged or deteriorated reproductive system tissues, individually or in combination.

Claim 23 (withdrawn) The method according to claim 19, wherein the predetermined waiting period is at least 12 months.

Claim 24 (withdrawn) The method according to claim 19, wherein the predetermined waiting period is at least about 60 months.

Claim 25 (withdrawn) The method according to claim 19, wherein said mammal comprises a human.

Claim 26 (withdrawn) Method for rejuvenating a chronically fatigued mammal, comprising: (a) harvesting a biological specimen containing stems cells from peripheral blood of the body of a donor; (b) cryopreserving at least a part of said biological specimen that contains stem cells for a predetermined waiting period without being re-infused back into the donor; (c) reintroducing at least a portion of said stored part of biological specimen that contains stem cells in therapeutic amount in the donor after the predetermined period of time and after

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said donor has been diagnosed has having a chronic fatigue condition, wherein said re-introduced specimen is not purged prior to the re-infusion.

Claim 27 (withdrawn) The method according to claim 26 wherein said stem cells comprise adult hematopoietic stem cells.

Claim 28 (withdrawn) The method according to claim 26, further including a step of introducing a stem cell growth stimulating agent into the donor prior to the harvesting in a manner effective to increase the population of the stem cells in the peripheral blood of the donor before harvesting the specimen.

Claim 29 (withdrawn) The method according to claim 26, wherein said fatigued condition comprises an anatomical system of the mammal selected from the group consisting of a fatigued hematopoietic system, a fatigued immune system, a fatigued muscular system, a fatigued neurological system, a fatigued lymphatic system, individually or in combination.

Claim 30 (withdrawn) The method according to claim 26, wherein said mammal comprises a human.

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Claim 31 (withdrawn) The method according to claim 26, wherein the predetermined waiting period is at least 12 months.

Claim 32 (withdrawn) The method according to claim 26, wherein the predetermined waiting period is at least about 60 months.